

Varied Fluency

Step 7: Numbers to a Million

National Curriculum Objectives:

Mathematics Year 5: (5N2) [Read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit](#)

Mathematics Year 5: (5N6) [Solve number problems and practical problems that involve \(5N1\) \(5N2\) \(5N4\) \(5N5\)](#)

Differentiation:

Developing Questions to support representing and understanding numbers to 1,000,000, using multiples of 10, 100 or 1,000. Includes conventional partitioning, pictorial representations and numerals only.

Expected Questions to support representing and understanding numbers to 1,000,000 including conventional partitioning, pictorial representations, numerals and words.

Greater Depth Questions to support representing and understanding numbers up to 1,000,000 in both numerals and words, including unconventional partitioning.

More [Year 5 Place Value](#) resources.

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Numbers to a Million

1a. What is the value of the digit 7 in this number? Write your answer in numerals.

746,100



VF

Numbers to a Million

1b. What is the value of the digit 9 in this number? Write your answer in numerals.

698,000



VF

2a. What number is represented by the place value chart below? Write your answer in numerals.

100,000s	10,000s	1,000s	100s	10s	1s



VF

2b. What number is represented by the place value chart below? Write your answer in numerals.

100,000s	10,000s	1,000s	100s	10s	1s



VF

3a. Represent the number 595,600 using the place value chart below.

100,000s	10,000s	1,000s	100s	10s	1s



VF

3b. Represent the number 721,540 using the place value chart below.

100,000s	10,000s	1,000s	100s	10s	1s



VF

4a. Complete the bar model.

485,360			
400,000	80,000	5,000	



VF

4b. Complete the bar model.

812,900			
	10,000	2,000	900



VF

Numbers to a Million

Numbers to a Million

5a. What is the value of the digit 9 in this number? Write your answer in words.

987,162



VF

5b. What is the value of the digit 6 in this number? Write your answer in words.

762,574



VF

6a. Write the number below in numerals.

seven hundred and eighteen thousand, five hundred and thirty-four



VF

6b. Write the number below in numerals.

eight hundred and four thousand, nine hundred and twelve



VF

7a. Complete the place value chart for the number 556,093.

100,000s	10,000s	1,000s	100s	10s	1s



VF

7b. Complete the place value chart for the number 750,807.

100,000s	10,000s	1,000s	100s	10s	1s



VF

8a. Complete the bar model.

678,234			
600,000		200	34



VF

8b. Complete the bar model.

854,359			
	4,000	350	9



VF

Numbers to a Million

Numbers to a Million

9a. Underline the digit that is worth eight thousand in the number below.

988,881



VF

9b. Underline the digit that is worth sixty thousand in the number below.

767,676



VF

10a. Write the number below in numerals.

eighty-six ten thousands, forty hundreds and seventy-eight ones



VF

10b. Write the number below in numerals.

nine hundred thousand, three hundred and seventy hundreds and two ones



VF

11a. What number does the place value chart represent?

100,000s	10,000s	1,000s	100s	10s	1s
4	3	1	4	7	8



VF

11b. What number does the place value chart represent?

100,000s	10,000s	1,000s	100s	10s	1s
4	3	1	4	7	8



VF

12a. Complete the bar model.

712,364		
502,100		5,000



VF

12b. Complete the bar model.

964,076		
690,000		4,050



VF

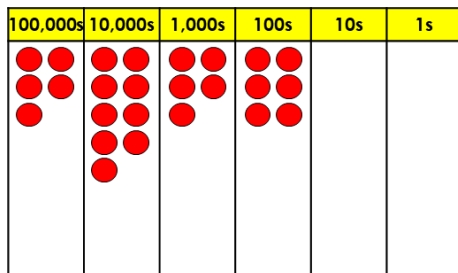
Varied Fluency Numbers to a Million

Developing

1a. **700,000**

2a. **763,190**

3a.



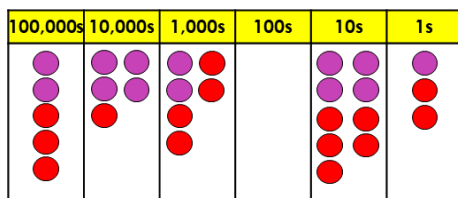
4a. **360**

Expected

5a. **nine hundred thousand**

6a. **718,534**

7a.



8a. **78,000**

Greater Depth

9a. **988,881**

10a. **864,078**

11a. **816,504**

12a. **205,264**

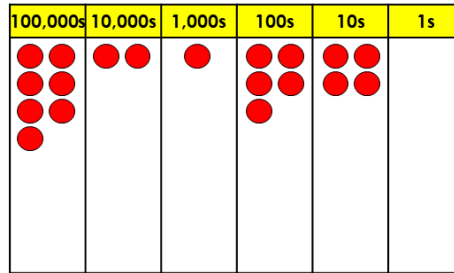
Varied Fluency Numbers to a Million

Developing

1b. **90,000**

2b. **397,600**

3b.



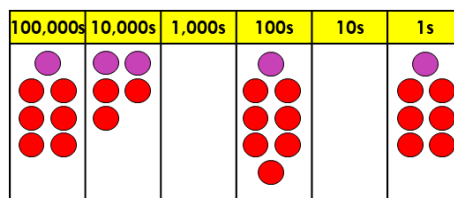
4b. **800,000**

Expected

5b. **sixty thousand**

6b. **804,912**

7b.



8b. **850,000**

Greater Depth

9b. **767,676**

10b. **937,002**

11b. **975,255**

12b. **270,026**